



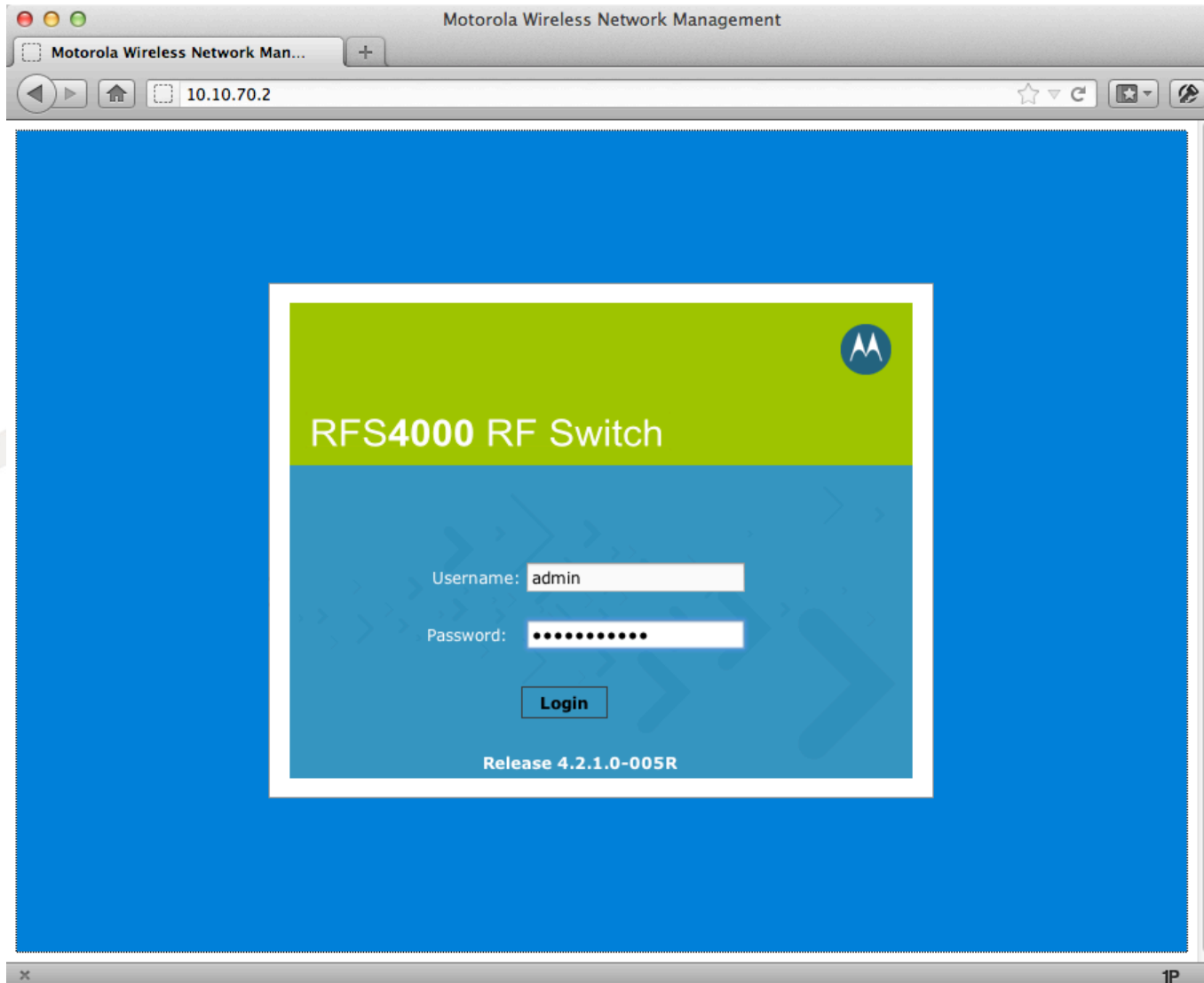
IDENTITY MANAGER INTEGRATION WITH MOTOROLA

SECTION D

WHAT YOU WILL LEARN

- > Configure an SSID for Web Authentication
- > Add IDM as the RADIUS Server
- > Set IDM as the external web portal
- > Configure IDM for the Motorola Controller

LOGIN TO THE WEB CONSOLE



VIEW AVAILABLE WLANS

Motorola Wireless Network Management

Motorola Wireless Network Man... 10.10.70.2

Network > Wireless LANs

Configuration WMM NAC Include NAC Exclude

Show Filtering Options <<< Page 1 of 1 Go >>>

Index	Enable	ESSID	Description	VLAN(s)	Authentication	Encryption	Independent Mode	QoS Weight	802.11w PMF
1	<input checked="" type="checkbox"/>	Motorola	WLAN1	1	Hotspot	TKIP	<input checked="" type="checkbox"/>	1	None
2	<input checked="" type="checkbox"/>	102	WLAN2	1	None	None	<input checked="" type="checkbox"/>	1	None
3	<input checked="" type="checkbox"/>	103	WLAN3	1	None	None	<input checked="" type="checkbox"/>	1	None
4	<input checked="" type="checkbox"/>	104	WLAN4	1	None	None	<input checked="" type="checkbox"/>	1	None
5	<input checked="" type="checkbox"/>	105	WLAN5	1	None	None	<input checked="" type="checkbox"/>	1	None
6	<input checked="" type="checkbox"/>	106	WLAN6	1	None	None	<input checked="" type="checkbox"/>	1	None
7	<input checked="" type="checkbox"/>	107	WLAN7	1	None	None	<input checked="" type="checkbox"/>	1	None
8	<input checked="" type="checkbox"/>	108	WLAN8	1	None	None	<input checked="" type="checkbox"/>	1	None
9	<input checked="" type="checkbox"/>	109	WLAN9	1	None	None	<input checked="" type="checkbox"/>	1	None
10	<input checked="" type="checkbox"/>	110	WLAN10	1	None	None	<input checked="" type="checkbox"/>	1	None
11	<input checked="" type="checkbox"/>	111	WLAN11	1	None	None	<input checked="" type="checkbox"/>	1	None
12	<input checked="" type="checkbox"/>	112	WLAN12	1	None	None	<input checked="" type="checkbox"/>	1	None
13	<input checked="" type="checkbox"/>	113	WLAN13	1	None	None	<input checked="" type="checkbox"/>	1	None
14	<input checked="" type="checkbox"/>	114	WLAN14	1	None	None	<input checked="" type="checkbox"/>	1	None
15	<input checked="" type="checkbox"/>	115	WLAN15	1	None	None	<input checked="" type="checkbox"/>	1	None
16	<input checked="" type="checkbox"/>	116	WLAN16	1	None	None	<input checked="" type="checkbox"/>	1	None
17	<input checked="" type="checkbox"/>	117	WLAN17	1	None	None	<input checked="" type="checkbox"/>	1	None
18	<input checked="" type="checkbox"/>	118	WLAN18	1	None	None	<input checked="" type="checkbox"/>	1	None
19	<input checked="" type="checkbox"/>	119	WLAN19	1	None	None	<input checked="" type="checkbox"/>	1	None
20	<input checked="" type="checkbox"/>	120	WLAN20	1	None	None	<input checked="" type="checkbox"/>	1	None
21	<input checked="" type="checkbox"/>	121	WLAN21	1	None	None	<input checked="" type="checkbox"/>	1	None
22	<input checked="" type="checkbox"/>	122	WLAN22	1	None	None	<input checked="" type="checkbox"/>	1	None

Filtering: Filtered

Edit Enable Disable Export Help

Save Log... Refr...

CONFIGURE THE SSID

Network > Wireless LANs > Edit

Edit

Configuration

ESSID: Description:

☐ Deny Static MU ☐ Enable URL Logging ☐ Independent Mode (AAP Only) ☐ Client Bridge Backhaul

Enter a list
VLAN ID:
☐ Dynamic Assignment

Enter a list of IP Filter Rules
In filters:
Out filters:

802.11w-PMF:
SA Query Max Timeout: (100 - 6000 msec)
SA Query Retry Timeout: (10 - 1500 msec)

Authentication

☐ 802.1X EAP
☐ Kerberos
☒ Hotspot
☐ MAC Authentication
☐ No Authentication

Encryption

☐ WEP 128
☐ KeyGuard
☐ WPA/WPA2-TKIP

Advanced

Accounting Mode:
☒ Answer Broadcast ESS
☐ Use Voice Prioritization
☐ Enable SVP
☐ Secure Beacon
QOS Weight:
MU to MU Traffic:
MU Idle Time: seconds
MCast Addr 2:
NAC Mode:

Status:

1. Specify the SSID name

2. Select Hotspot for the authentication

4. Click Config...

3. Select Radius

EDIT THE HOTSPOT SETTINGS

The screenshot shows the 'Hotspot' configuration window in a network management interface. The window title is 'Network > Wireless LANs > Edit > Hotspot'. The main section is titled 'Hotspot' and contains a dropdown menu set to 'External' type. Below this, there are three text input fields for 'Login Page URL', 'Welcome Page URL', and 'Failed Page URL'. The 'Login Page URL' field contains 'https://{IDENTITY_MANAGER}/portal/{DEVICE_IP}/?1'. The 'Welcome Page URL' field contains 'https://{IDENTITY_MANAGER}/portal/{DEVICE_IP}/success/'. The 'Failed Page URL' field contains 'https://{IDENTITY_MANAGER}/portal/{DEVICE_IP}/?0'. To the right of these fields is an 'Information' section with text explaining that these URLs point to external web pages for login, success, and failed login attempts. Below the 'Information' section is an 'Allow List' section with a list of IP addresses (0.0.0.0) and a 'Change' button. At the bottom of the window are 'OK', 'Cancel', and 'Help' buttons.

1. Change to External type

2. Specify the url on IDM to redirect to Replace {IDENTITY_MANAGER} with the IDM fqdn and {DEVICE_IP} with the IP address of the Motorola Controller

3. Select an Entry

4. Specify the IDMs IP address and click Change

SPECIFY RADIUS SERVERS (1)

Network > Wireless LANs > Edit

Edit WLAN2

Configuration

ESSID: Description:

☐ Deny Static MU ☐ Enable URL Logging ☐ Independent Mode (AAP Only) ☐ Client Bridge Backhaul

Enter a list
VLAN ID
☐ Dynamic Assignment

Enter a list of IP Filter Rules
In filters:
Out filters:

802.11w-PMF:
SA Query Max Timeout: (100 - 6000 msec)
SA Query Retry Timeout: (10 - 1500 msec)

Authentication

☐ 802.1X EAP
☐ Kerberos
☒ Hotspot
☐ MAC Authentication
☐ No Authentication

Encryption

☐ WEP 64
☐ WEP 128
☐ KeyGuard
☐ WPA/WPA2-TKIP
☐ WPA2-CCMP

Advanced

Accounting Mode: MU to MU Traffic:
☒ Answer Broadcast ESS MU Idle Time: seconds
☐ Use Voice Prioritization Access Category:
☐ Enable SVP MCast Addr 1:
☐ Secure Beacon MCast Addr 2:
QOS Weight:

1. Click Radius...

Status:

SPECIFY RADIUS SERVERS (2)

Network > Wireless LANs > Edit > Radius Configuration

Radius Configuration

Radius and NAC Configuration

☒ Radius ☐ NAC

	Primary	Secondary
RADIUS Server Address	1 . 1 . 1 . 1	0 . 0 . 0 . 0
RADIUS Port	1812	1812
RADIUS Shared Secret	*****	*****
Server Timeout	5 (1-300 secs)	

☐ Enable radius...
Realm Name ☐ Strip Realm

Accounting

	Primary	Secondary
Accounting Server Address	1 . 1 . 1 . 1	0 . 0 . 0 . 0
Accounting Port	1813	1813
Accounting Shared Secret	*****	*****
Accounting Timeout	5 (1-300 secs)	
Accounting Retries	6 (1-100 retries)	
Accounting Mode	Start-Stop Interval 60	

☐ Re-authentication...
Re-authentication Period 3600 (30-65535 sec)

Advanced

Authentication Protocol ☒ ... ☐ CHAP DSCP/TOS 0

Status:

OK Cancel ? Help

1. Specify the IDMs IP address

2. Specify a shared secret (same as used on IDM)

3. Specify the IDMs IP address

4. Specify a shared secret (same as used on IDM)

ADD THE CONTROLLER TO IDM

1. Enter a name (used for description only)

2. Enter the IP address of the controller

3. Enter the same shared secret used on the controller RADIUS setup

4. Specify Motorola for the Type

5. Specify the form action as `https://{CONTROLLER}/`
Replace {CONTROLLER} with the CN of the certificate on the controller

The screenshot shows the Meru Networks IDM web interface. The left sidebar contains a navigation menu with items: Home, Network Access Policy, Policy Settings, Sponsor Portal, Guest Portals, Smart Connect, Devices, RADIUS Clients (highlighted), Email Settings, SMS Settings, Syslog Monitoring, LDAP Server, WPAD Hosting, and Server. The main content area is titled 'Client' and has tabs for 'Client', 'Attributes', 'SNMP', and 'MAC Address'. The 'Client' tab is active, showing the following fields: Name (rfs4000), Device IP Address / Prefix Length (10.10.70.2/32), Secret (masked with dots), Confirm (masked with dots), Type (Motorola), Form Action (https://10.10.70.2/), and Description (empty). Below these fields is a 'Change-of-Authorization' section with a 'COA' checkbox and a 'Port' field set to 3799. At the bottom are 'Save' and 'Cancel' buttons.



Thank you